

Converting Colors

CIELCh(93, 8.246, 198.862)

Have a look what the booklet for
CIELCh(93, 8.246, 198.862) contains.

CIELCh(93, 8.271, 198.935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 8.271, 198.935)

Conversions

Conversions Part 1

Format	Color
Hex	D8F0F0
RGB	216, 240, 240
RGB Percent	85%, 94%, 94%
CMY	0.1541, 0.0600, 0.0600
CMYK	0.10, 0.00, 0.00, 0.06
HSL	180°, 44%, 89%
HSV	180°, 10%, 94%
XYZ	74.9836, 82.9670, 94.2629
YIQ	232.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

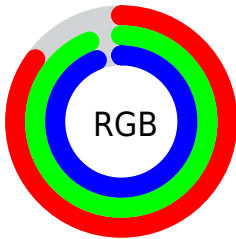
Format	Color
R_{YB}	216, 228, 240
Decimal	14217456
CIE Lab	93.00, -7.82, -2.68
CIE LCh	93, 8.271, 198.935
Yxy	82.9670, 0.2973, 0.3290
Android (android.graphics.Color)	4292407536 (0xFFD8F0F0)
YUV	232.8240, 3.5378, -14.7546
Hunter-Lab	91.0862, -12.4570, 2.4026

Details

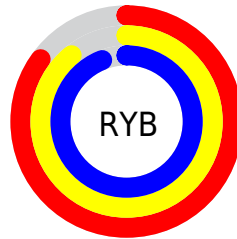
The CIELCh color `93, 8.271, 198.935` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `88, 8.816, 19.970`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 8.280, 198.800` is the 20% darker color. If you saturate the color by 10%, you get `91, 16.059, 198.377`, and if you desaturate by 10%, it is `95, 0.014, 252.177`.

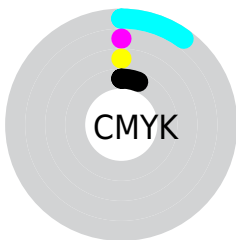
Distribution



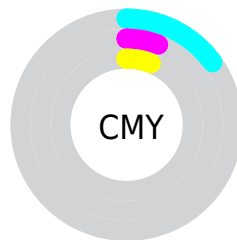
- Red (85%)
- Green (94%)
- Blue (94%)



- Red (85%)
- Yellow (89%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.271, 198.935 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 93, 8.271, 198.935 by changing the saturation by 10% instead.

93, 8.271, 198.935

93, 8.271, 198.935

100, 8.271,
198.935

83, 8.271, 198.935

73, 8.271, 198.935

63, 8.271, 198.935

53, 8.271, 198.935

43, 8.271, 198.935

33, 8.271, 198.935

23, 8.271, 198.935

13, 8.271, 198.935

3, 8.271, 198.935

93, 8.271, 198.935

93, 8.271, 198.935

91, 16.059,
198.377

95, 0.014, 252.177

90, 23.234,
197.903

96, 5.468, 19.639

89, 29.657,
197.491

96, 5.468, 19.622

88, 35.201,
197.142

96, 5.468, 19.587

87, 39.760,
196.860

96, 5.468, 19.570


87, 43.269,
196.644

96, 5.468, 19.535

87, 45.719,
196.495

96, 5.468, 19.517

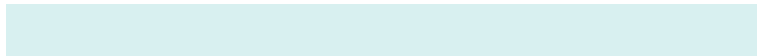
86, 47.170,
196.406

 86, 47.826,
196.365

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93, 8.271, 198.935



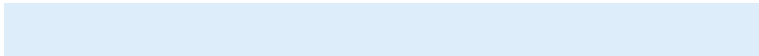
88, 8.816, 19.970

Rectangle

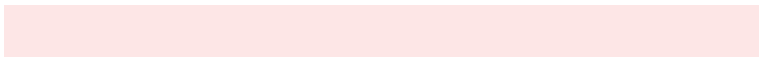
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



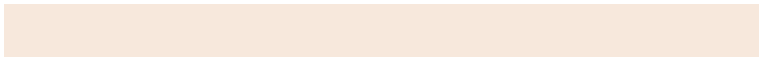
93, 8.271, 198.935



93, 8.271, 248.935



93, 8.271, 18.935



93, 8.271, 68.935

Sweetspot

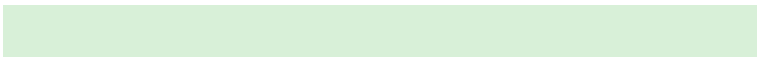
The Sweet Spot groups the original color and five complimentary colors.



93, 8.272, 198.922



99, 2.650, 199.476



92, 15.068, 143.435



53, 2.005, 199.379



0, 0.000, 0.000



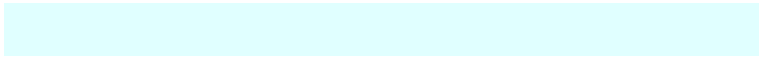
53, 0.007, 296.813

Same Dimension

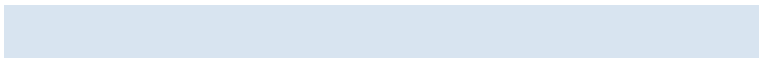
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 8.272, 198.922



98, 10.369, 198.803



90, 7.313, 254.949



49, 4.701, 198.955



68, 39.161, 196.365



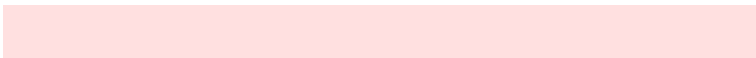
21, 17.095, 196.368

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88, 8.816, 19.970



92, 11.200, 20.134



91, 7.510, 72.330



47, 4.993, 19.928



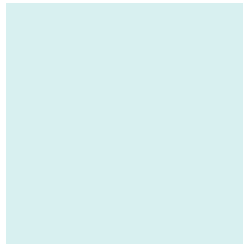
38, 81.696, 39.989



8, 29.836, 23.801

Previews

White Background



This preview shows how the CIELCh color 93, 8.271, 198.935 looks on a white background.

Color Contrast Check

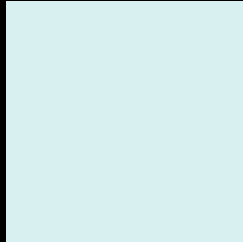
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 8.271, 198.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

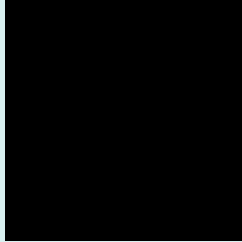
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

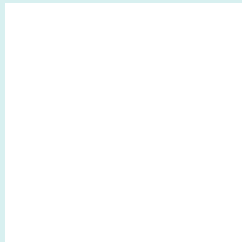
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.271, 198.935

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.271, 198.935.

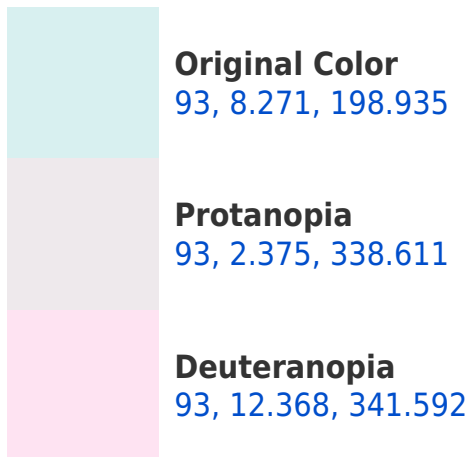


This preview shows how white text looks on a background with the CIELCh color 93, 8.271, 198.935.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

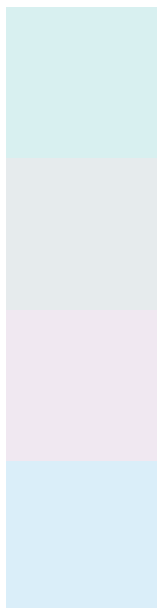
Dichromacy





Tritanopia
93, 10.960, 257.392

Trichromacy



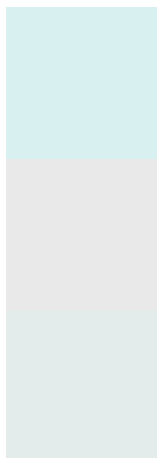
Original Color
93, 8.271, 198.935

Protanomaly
93, 2.027, 230.262

Deuteranomaly
93, 5.472, 321.531

Tritanomaly
93, 8.749, 239.686

Monochromacy



Original Color
93, 8.271, 198.935

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.812, 199.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.271, 198.935 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(216, 240, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 240, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.271, 198.935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 240, 240) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(216, 240, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(216, 240, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(216, 240,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.271, 198.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 240, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
240, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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